

WORLDWIDE ENC DATABASE WORKING GROUP (WENDWG)

Report of the representative of the MBSHC on the implementation of ENC Schemes

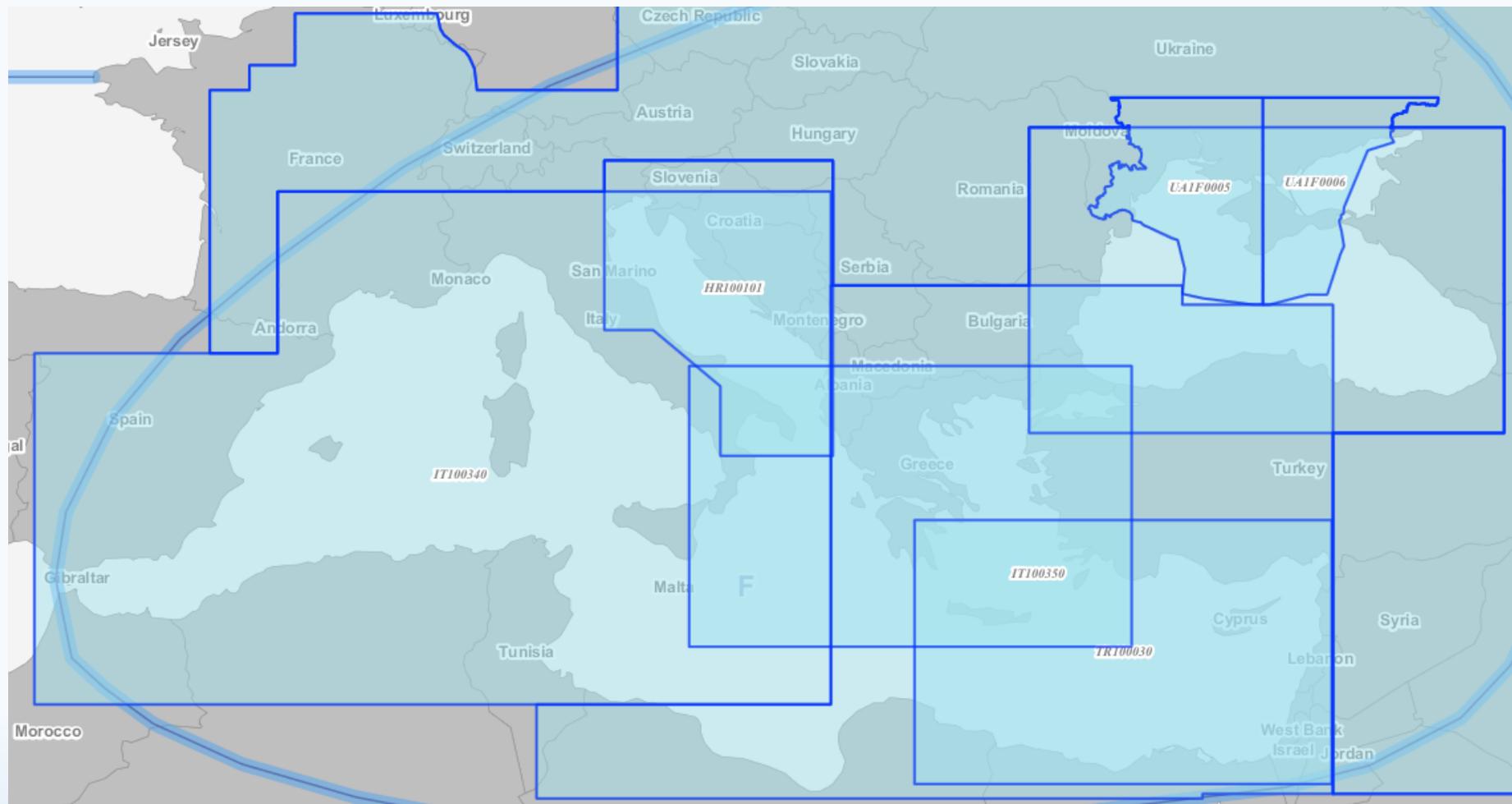
Laurent Louvart

FR



Status of the ENC Scheme UB1 in the Region

- 9 ENC

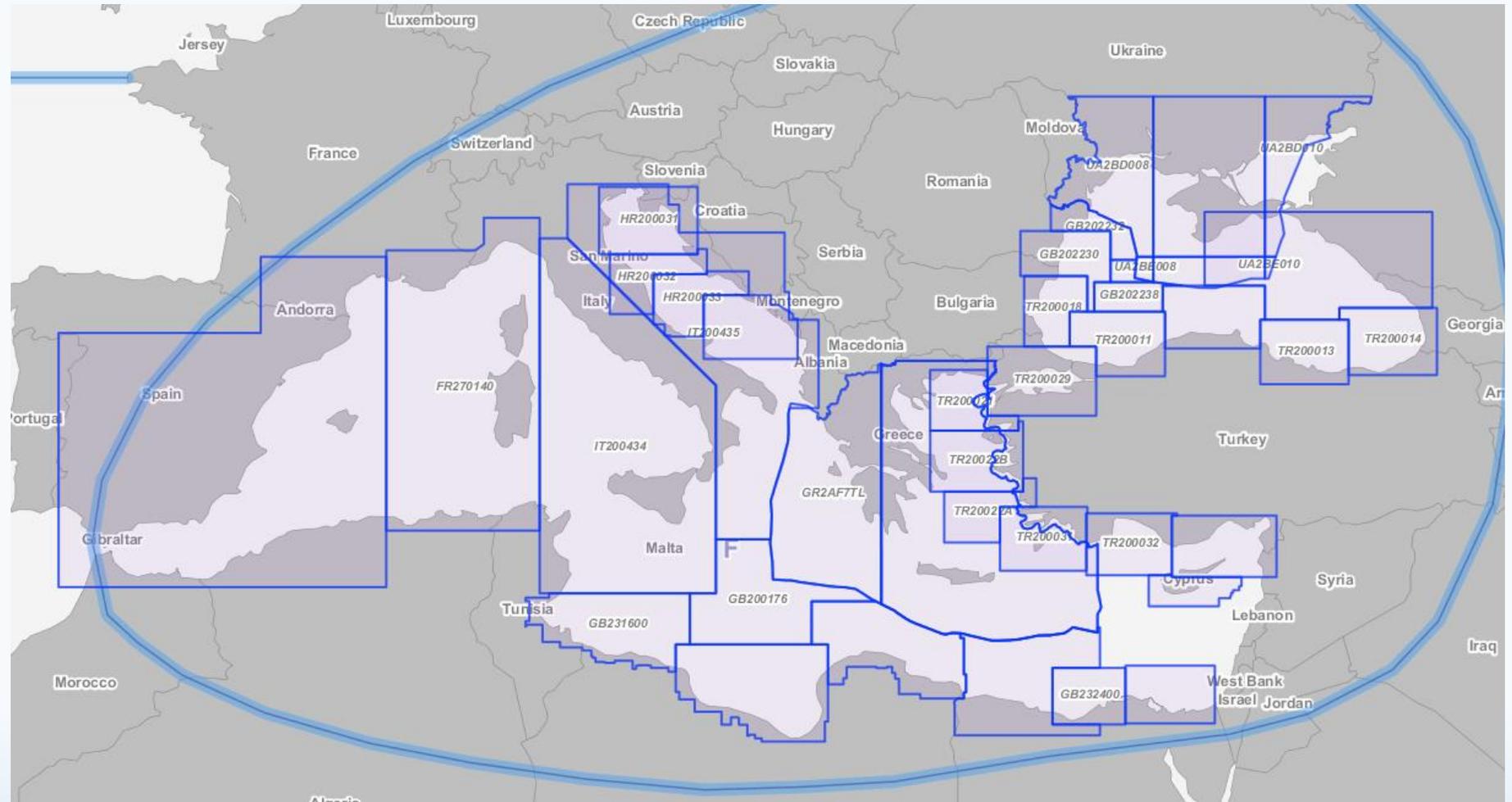


Source: IHO INTogIS II Beta (2019)



Status of the ENC Scheme UB2 in the Region

- 41 ENC

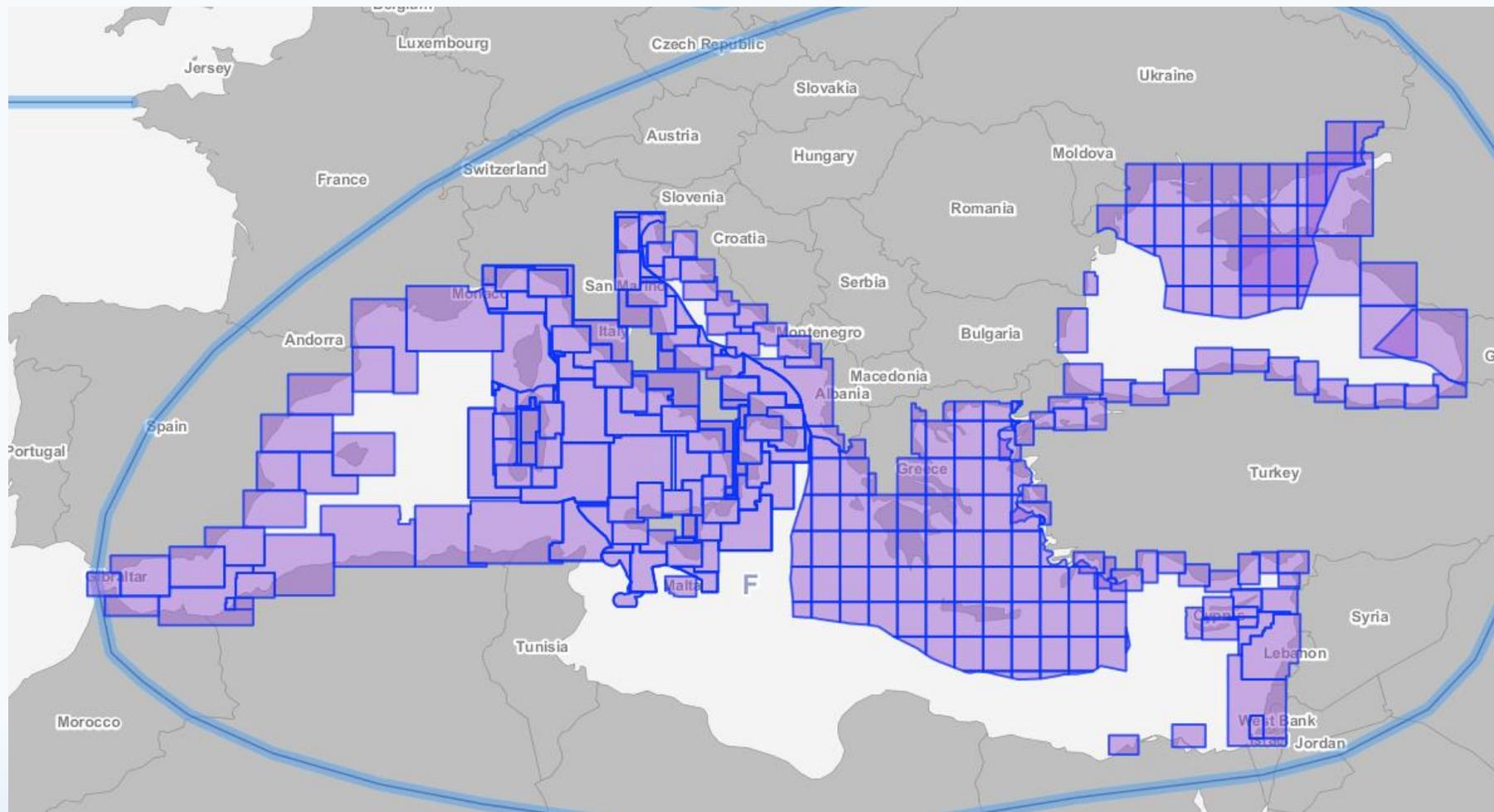


Source: IHO INTogIS II Beta (2019)



Status of the ENC Scheme UB3 in the Region

- 278 ENC



Source: IHO INTogIS II Beta (2019)



Status of the ENC Scheme UB3 in the Region

- Including 4 Exclusive cells (non-RENC)

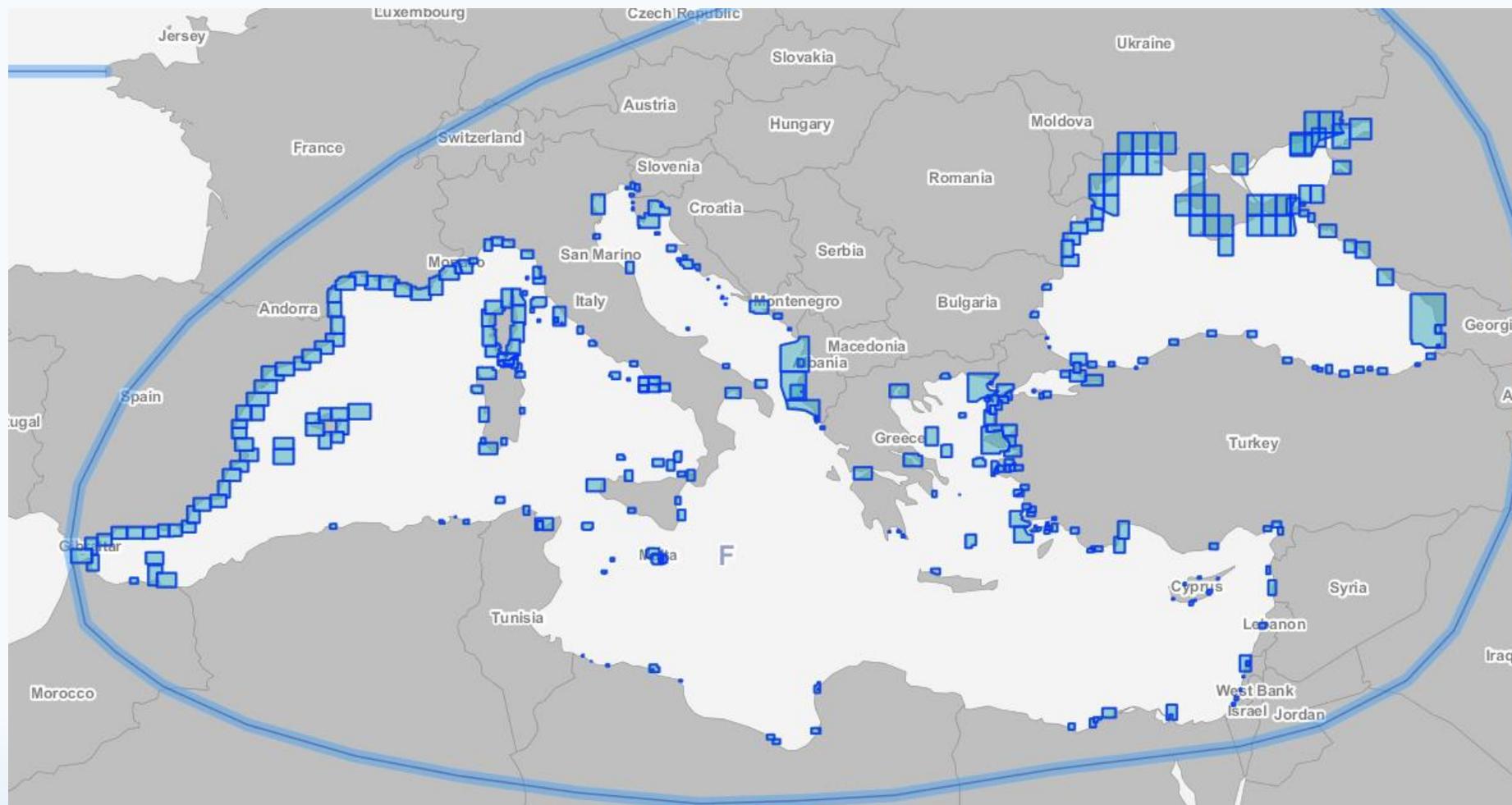


Source: IHO ENC Coverage catalogue



Status of the ENC Scheme UB4 in the Region

- 356 ENC

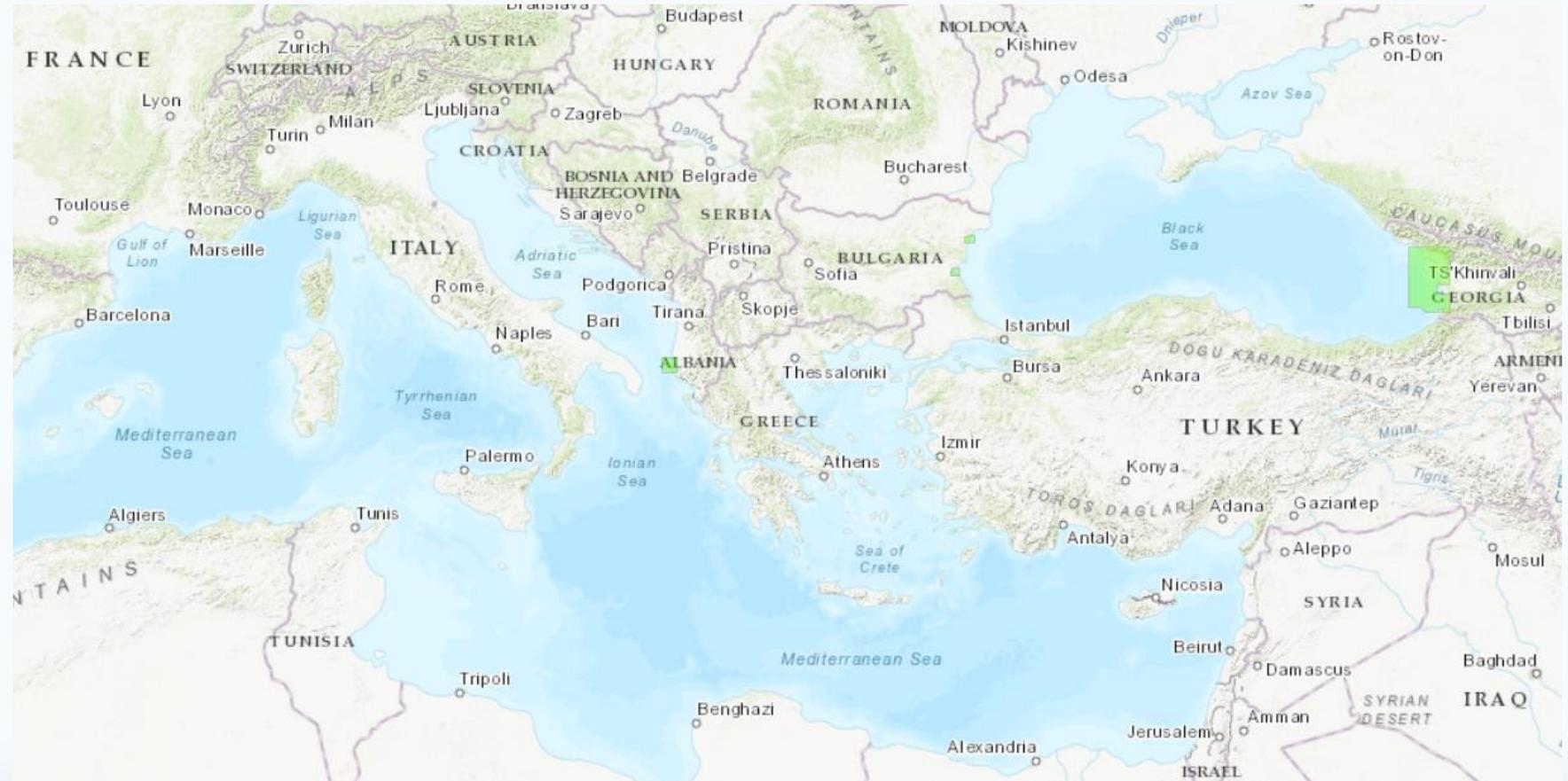


Source: IHO INTOGIS II Beta (2019)



Status of the ENC Scheme UB4 in the Region

- Including 6 Exclusive cells (non-RENC)

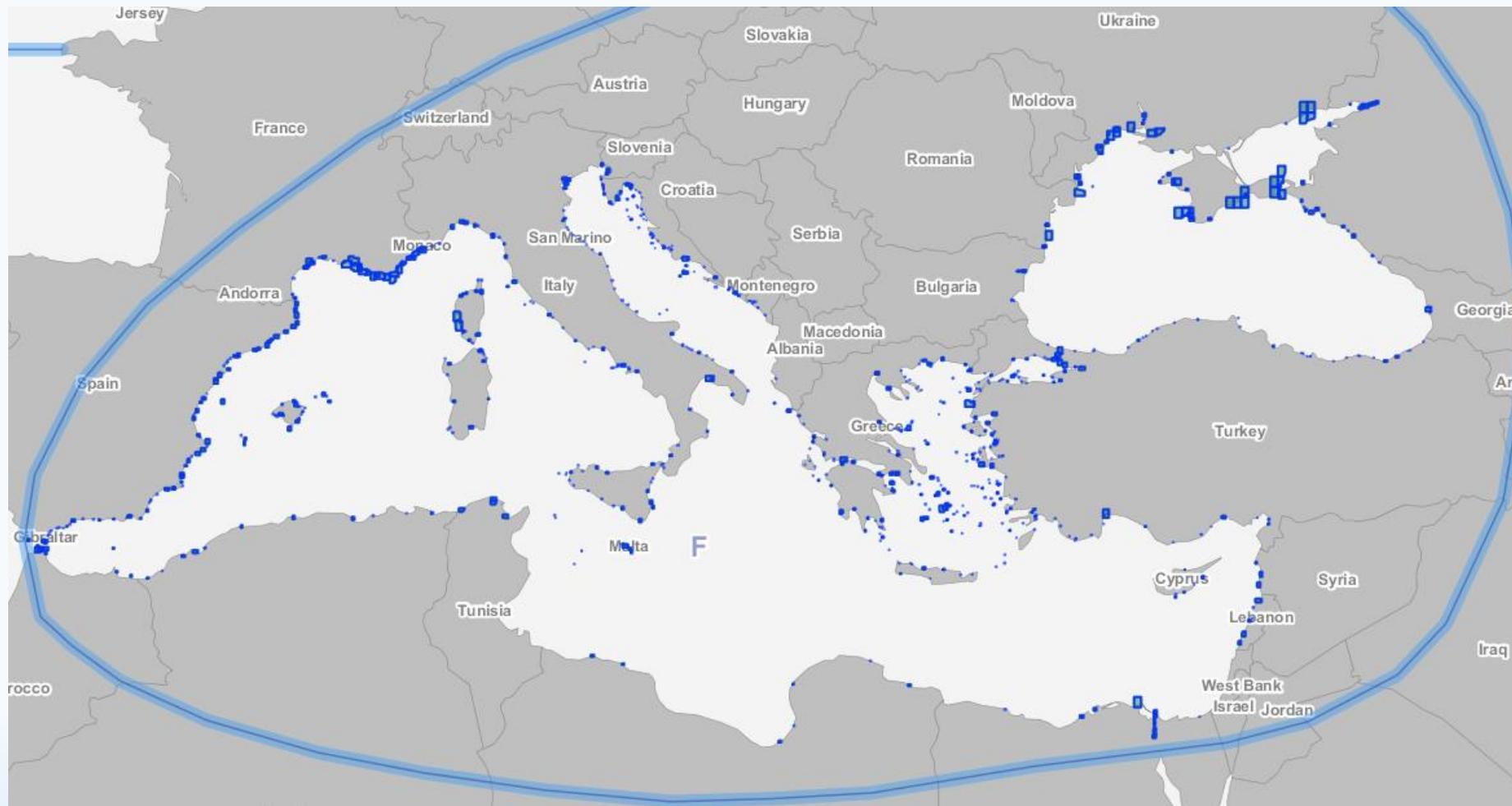


Source: IHO ENC Coverage catalogue



Status of the ENC Scheme UB5 & UB6 in the Region

- UB5
585 ENC's
- UB6
346 ENC's



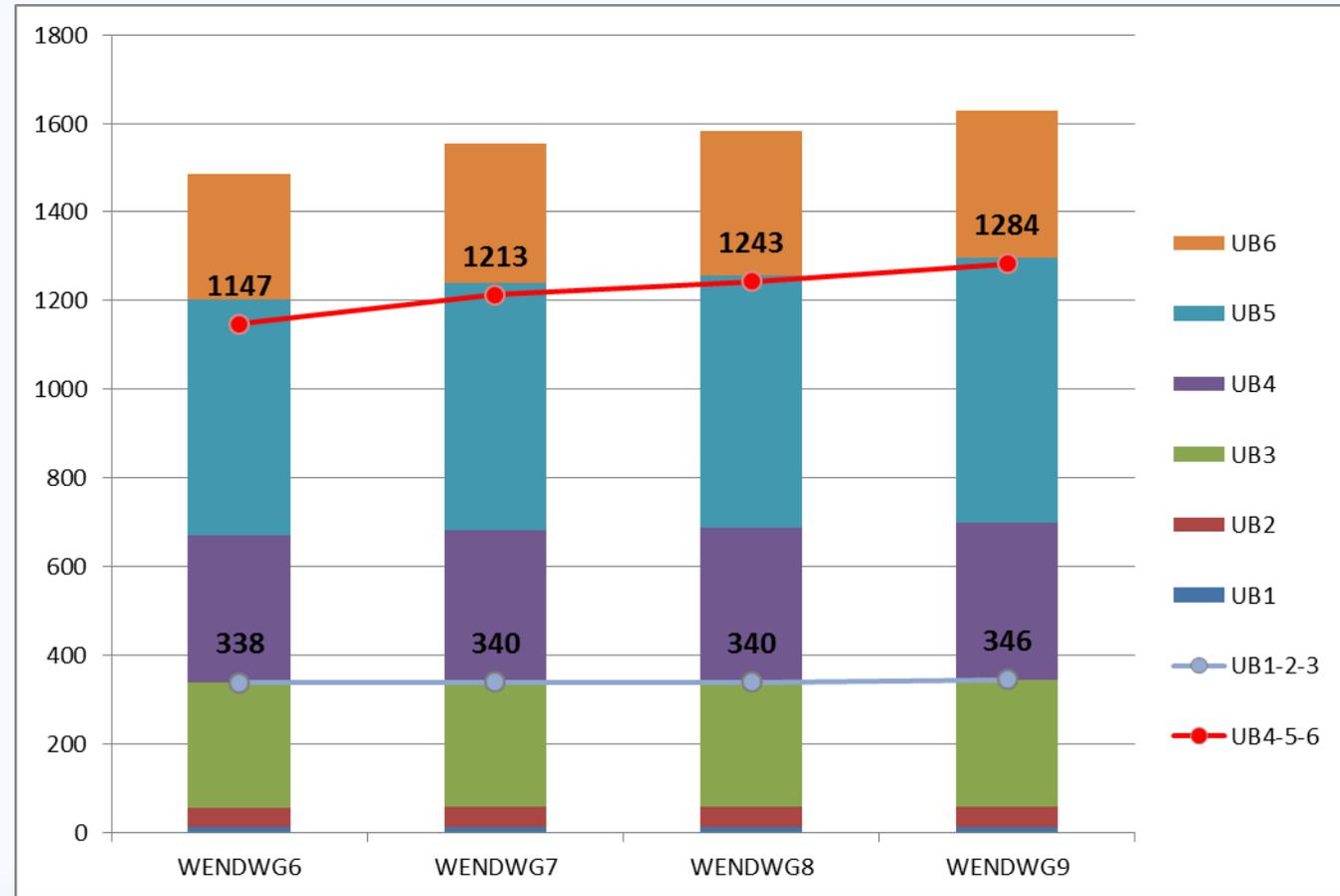
Source: IHO INTToGIS II Beta (2019)



Region F ENC Scheme

Region G	WEND-6	WEND-7	WEND-8	WEND-9
UB1	12	12	12	12
UB2	44	46	46	46
UB3	282	282	282	288
UB4	333	343	349	353
UB5	533	558	569	599
UB6	281	312	325	332
Total	1485	1553	1583	1630

- Number of UB1-2-3 ~ stable in the last 3 years
- UB4 ↗ 6% in the last 3 years (1% last year)
- UB5 ↗ 12% in the last 3 years (5% last year)
- UB6 ↗ 18% in the last 3 years (2% last year)



Source: WEND « Global ENC coverage »



Region F ENC Scheme

- UB1 and UB2 coverage considered as completed
- UB3 coverage with persistent gaps on the southern shore of the Mediterranean
- UB4/5/6 : No improvement in port coverage (+6 ports)

Port Name	Country	Port Size
PIRAIEVS (new)	GR	L
TAZERKA OIL TERMINAL	TN	M
ORMOS ALIVERIOU	GR	M
VOLOS (new)	GR	M
DANUBE-BLACK SEA CANAL	RO	M
MERSA SFAX	TN	S
SOUSSE	TN	S
GABES	TN	S
ROSTOV-NA-DONU	RU	S
GALATI	RO	S
ELEVSIS (new)	GR	S
GIOIA TAURO (new)	IT	S
MONOPOLI (new)	IT	S
AKSAZ LIMANI (new)	TR	S
ASHTART OIL TERMINAL	TN	S
DIDON TERMINAL	TN	S
NEUM	BA	S

*Source: WEND « Global ENC coverage » (UKHO)
Based on NGA World Port Index (Pub 150)*



Existence of overlapping ENCs that may have an impact on safe navigation

- Region F affected by persistent overlap

- Overlaps concern all usage bands

- **Primar overlap checker ‘Hits’**

For each entry cell, the total number of overlapped cells (other producers & own overlap) is counted

‘OO’ = Own Overlap, each instance is counted

Example

UA4T3434	Bezimenna Beak to Beglytska Beak	RU4MJLN0, RU4MKLP0, UA4CC766, UA4CC767, UA4CC796, UA4CC797	6 ‘Hits’ & 4 ‘OO’
UA4T3436	Kerchenska Strait to Temriuknyi	RU4MFLJ0, RU4MFLK0, UA4CC884, UA4T3417	4 ‘Hits’ & 2 ‘OO’



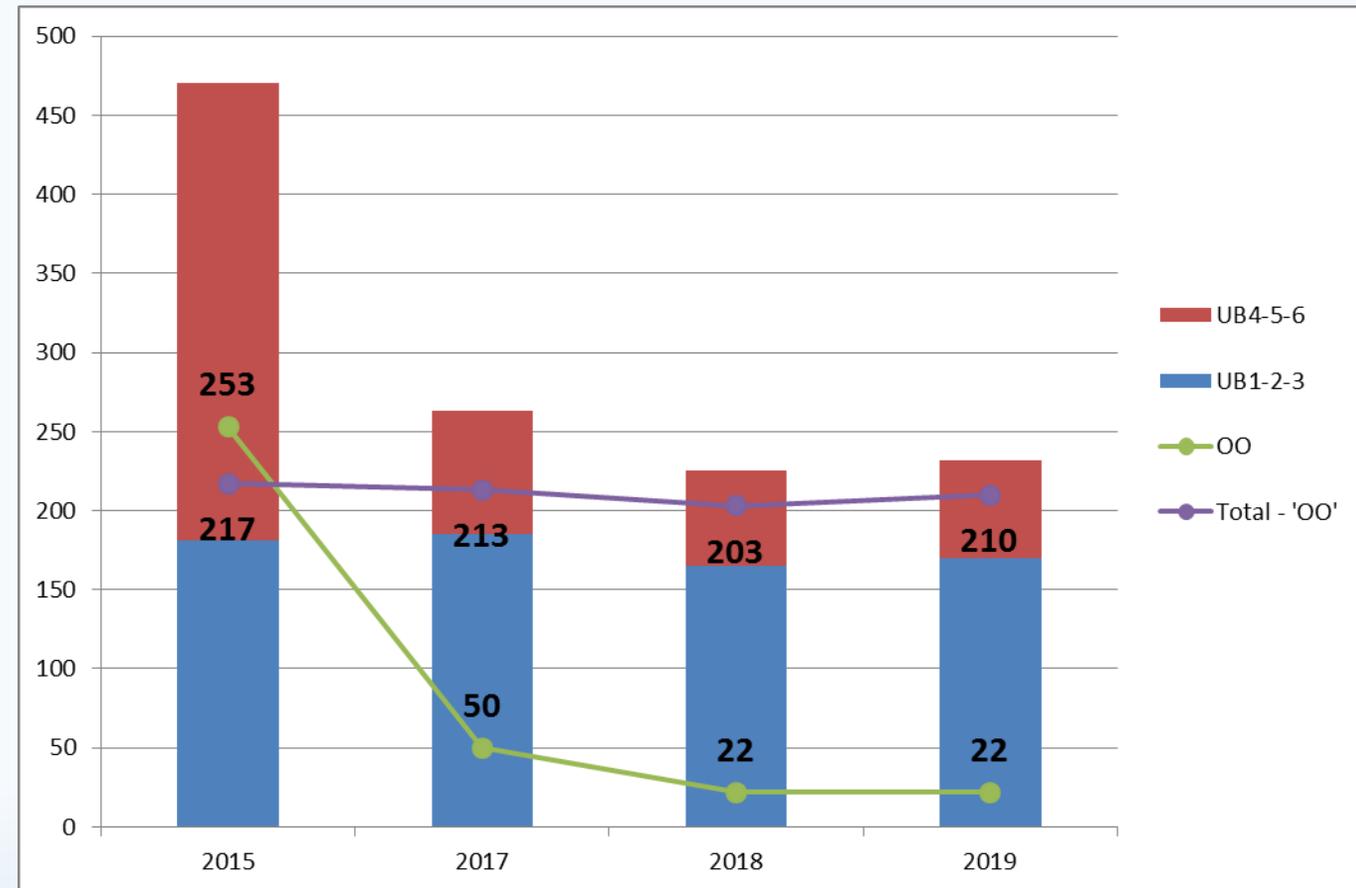
Existence of overlapping ENCs that may have an impact on safe navigation

- Primar overlap checker 'Hits'

Significant reduction between 2015 and 2017 (470 \searrow 263) mainly due to a massive reduction of the own overlaps (253 \searrow 50)

Slight decrease between 2017 and 2018 (213 \searrow 203)

Number of "real" 'hits' is on the rise again (203 \nearrow 210)



Existence of overlapping ENC's that may have an impact on safe navigation

- IC-ENC Overlap report

March 18 > Feb. 19

Resolved and Accepted overlaps ↗ :

Mechanisms put in place at the RENC level are working

Low & Medium overlaps persist

Potential overlaps ↗

Coordination between producers still insufficient

Region F	March 2018	February 2019
Resolved	36	63
Accept	3	11
Potential	37	49
LOW	81	80
MEDIUM	24	24
HIGH	0	0
Total	181	227



Existence of overlapping ENCs that may have an impact on safe navigation

- Despite the objectives approved by the MSs (in accordance with the WEND principles):
 - Updated S-11 – Part A (Edition 3.1.0)
 - Updated ToRs and RoPs for the Region F ICCWG (6 July 2017) – Decision MBSHC20/09
 - IHO resolution 1/2018 (CL19/2018) *Elimination of overlapping ENC data in areas of demonstrable risk to the safety of navigation*
- Despite the repeated highlighting of these overlaps and their dangerous nature for the safety of navigation : IRCC10 Decision 11, Council 2
- Despite the involvement of the RENCs : IC-ENC Policy & overlap reports / PRIMAR Overlap and Consistency Checker

It must unfortunately be noted that the situation in the region is not improving



Lessons learned from the implementation process of the new IHO Resolution 1/2018

➤ Several “highest” risk cases reported to the last BASWG (May 2018)

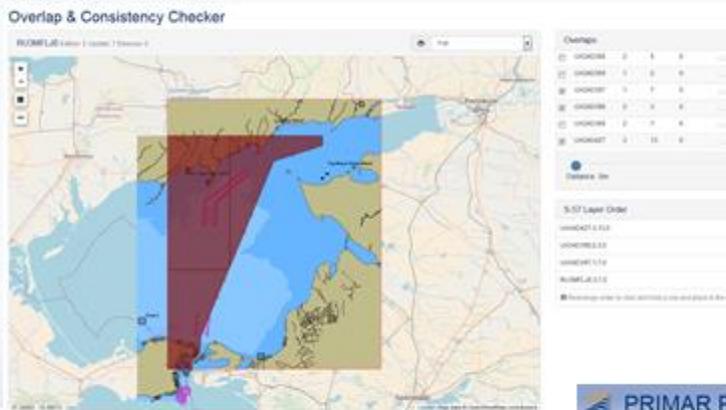
Black & Azov Seas ENC Scheme

MBSHC – BASWG Sub Region – ENC overlaps, “highest” risk cases

(based on IC-ENC’s Overlapping Data Policy & Reporting / PRIMAR Overlap and Consistency Checker)

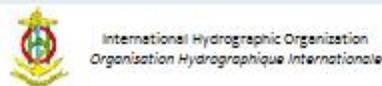
RU3MFLJ0 & UA3AD397
RU3MFLJ0 & UA3AD398
RU3MFLJ0 & UA3AD427

Overlaps includes RECTRCs which are used fairly frequently



BASWG-14, Constanta (Romania), 3-4 May 2018

6 – Coordination of Region



Black & Azov Seas ENC Scheme

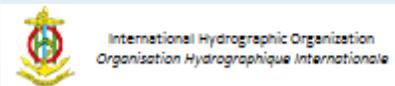
MBSHC – BASWG Sub Region – ENC overlaps, “highest” risk cases

(based on IC-ENC’s Overlapping Data Policy & Reporting / PRIMAR Overlap and Consistency Checker)

Region F Charting Coordinator reports to ENC producers these “highest” risk overlapping cases in accordance with IHO resolution 1/2018

However, ENC producers are reminded, in accordance with WEND principles, that all overlaps must be resolved !

RCC cannot arbitrate or substitute to a direct bilateral discussion between producers. Dialogue between parties involved must be strengthened. RCC urges producers to discuss. (MBSHC CL4 encourages to liaise bilaterally)



BASWG-14, Constanta (Romania), 3-4 May 2018

6 – Coordination of Regional Charting



- Difficulties in interpreting the resolution mentioned by some MSs
Recommendations BASWG14/04 Due to difficulties to converge on common interpretation of IHO Resolution 01/2018, MSs to wait for the decision of IRCC, Council or Assembly for further process.
- Questions about the commission's real ability to implement the provisions of the resolution ?



Actions requested of WENDWG

- WENDWG is invited to note the report from MBSHC
- Report to IRCC the difficulties encountered in the implementation of the resolution 1/2018 (CL19/2018)
- Clarify the availability and updating of the port lists (NOAA, NGA)
- Organisation of a seminar for charting coordinators recommended (use of INTToGIS II, exchange on concrete procedures for the implementation of ENC schemes)

